BILL OF QUANTITIES (BOQ)

Name of the work: Development and improvements to roads and drains in main road and cross roads of ward no. 06

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	565.95	Removing B.S. Slab of drain and stacking	Sqm	63.72	Rupees Sixty Three and
2	565.95	Refixing stone slabs of drains and pointing in CM (1:3)	Sqm	78.84	Rupees Seventy Eight
3	84.88	KSRB 2-1.1: Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications,	cum	83.16	Rupees Eighty Three and Sixteen Paise Only
4	354.51	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications,	cum	288.36	Rupees Two Hundred Eighty Eight and Thirty Six Paise Only
5	74.05	KSRB 12-2.1 : Providing and laying in position plain cement concrete of mix 1:4:8 (as per design) using 40mm and down size graded granite metal, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, for 100mm internal diameter stoneware pipes including cost of materials, labour charges HOM of machinery, curing complete as per specifications	cum	5070.60	Rupees Five Thousand Seventy and Sixty Paise Only
6	11.34	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6,** stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	4135.32	Rupees Four Thousand One Hundred Thirty Five and Thirty Two Paise Only
7	12.15	KSRB 5.3-1 Providing and constructing granite / trap / basalt size stone masonry in **basement** with mud mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	4905.36	Rupees Four Thousand Nine Hundred Five and Thirty Six Paise Only
8	179.60	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	cum	6198.12	Rupees Six Thousand One Hundred Ninety Eight and Twelve Paise Only
9	17.06	Providing T.M.T. Steel reinforcement for RCC work including straightening, cutting, behinding, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications for TMT bars fe 500	Tonne	70509.96	Rupees Seventy Thousand Five Hundred Nine and Ninety Six Paise Only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

30/03

E.E. (STP. DIV)

30/03

	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
10	1442.00	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	306.72	Rupees Three Hundred Six and Seventy Two Paise Only
11	32.40	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	99.36	Rupees Ninety Nine and Thirty Six Paise Only
12	12.39	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications,	cum	5490.72	Rupees Five Thousand Four Hundred Ninety and Seventy Two Paise Only
13	441.00	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick	Sqm	663.12	Rupees Six Hundred Sixty Three and Twelve Paise Only
14	441.00	Providing one line dressing to granite stone slab/granite stone masonry as per specifications.	Sqm	555.12	Rupees Five Hundred Fifty Five and Twelve Paise Only
15	2400.00	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded)	Rmt	35.64	Rupees Thirty Five and Sixty Four Paise Only
16	1088.89	Providing and fixing pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. Of size 450x200x400mm	Nos	373.68	Rupees Three Hundred Seventy Three and Sixty Eight Paise Only
17	196.00	KSRB 15-17.2: Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	sqm	42.12	Rupees Forty Two and Twelve Paise Only
18	196.00	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	87.48	Rupees Eighty Seven and Forty Eight Paise Only
19	439.39	Lead charges for conveying the excavated earth including loading and unloading upto 13 kms as per directions	cum	68.04	Rupees Sixty Eight and Four Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

30/03

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'. 30/03

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010